

Questions and Answers during Advertisement for
CA SR36(13), STATE ROUTE 36

April 3, 2017

Q1 – In Section 705.04 (Rock for Special Rock Embankment), and section 705.05 (Rock Buttresses) it gives details about the weight and cubic dimension of the rock, is there a specific quarry that you want us to use, or is the rock available on site?

A1 – The contractor is to locate the material source. If suitable material is found in the excavation limits that meets project requirements, it can be used. Refer to the Geotechnical Reports for information collected during the Government's geotechnical investigation.

April 6, 2017

Q2 – Will non-American made Geotextiles and Geogrids be allowed on this job?

A2 – Refer to page A-7 of the solicitation and the Buy American Act clauses under Section C.

April 10, 2017

Q3 – In Section 713.16 Silt Fence, it states: "Furnish 100% biodegradable products. Photodegradable synthetic products are not considered biodegradable."
Typical sediment fencing is made from a women polypropylene, which is not biodegradable.

What material for the fencing is acceptable? Jute?

A3 – After further discussion with the CA Water Board, an amendment is anticipated removing the biodegradable requirement from 713.16.

Q4 – Is the line item A02040, Sediment Log 9" or 12" in diameter?

The "wattles" are listed at 12" diameter on sheet Special 157-B, but the "sediment log" is listed at 9" on sheet C157-51. The terms wattle/sediment log seems to be interchangeable (the line item is the bid schedule is listed as a "sediment log").

A4 – Your statements are correct. C157-51 allows for 9" diameter minimum sediment logs (larger are permissible). Special 157-B are listed at 12" diameter. Both are paid under Pay Item Number 15705-1400 SOIL EROSION CONTROL, SEDIMENT LOG.

April 18, 2017

Q5 – For the Sediment Logs and Wattles, is Certified Weed Free Rice Straw acceptable?

A5 – Yes, so long as it meets all of the requirements.

Q6 – On Detail C157-50, under Note 4, it lists fence both with AND without support mesh (steel wire). Can you find out one Line Item 15705-0100 is referring to?

A6 – Either type is acceptable.

Q7 – In regards to the geocomposite drainboard, the plans refers to a note *Special 605-B*, which does not specify it. It should indicate what *Class* of fabric per *Table 714-1*. It is not fabric Type 1, it can be either Class 1 or Class 2, woven or non-woven and may be either single or double sided. Can this be provided?

A7 – On *Special 605-B*, Note 6 refers the reader to 714.02(b). SCR 714.02(b) specifies the type of material to be used.

Q8 – Sec 40301-000 Hot Asphalt Concrete. No binder grade is designated. Typical binder for this area is PG 64-16.

A8 – Binders that conform to SCR 403.01 and SCR 403.02 will be acceptable.

April 20, 2017

Q9 – Referencing sheet T6, regarding the cable anchor assemblies. For each down drain is there a cable anchor system or is it just for certain lengths or down drain runs? Also, I can't find what gauge the CMP is in the specs for both the down drain and CMP runs.

A9 – The plan is applicable to all down drain locations. Note 4 on T6 allows for alternative proposals. Pipe thicknesses are shown in the T sheets.

Q10 – Section 255.03 of the Invitation For Bid document states “Do not disturb the existing ground at wall locations until existing terrain data has been acquired, incorporated into the preliminary drawings, and the CO has approved the drawings”. Section 152.02(b)(4) states that the digital terrain model of the existing ground will be provided to the contractor. When will the digital terrain model be provided for the contractor to use?

A10 – The Government's digital terrain model will be provided at or before the Notice to Proceed.

Q11 – Plan sheet T20 Standard Underdrain, Outlet Pipe Detail, Callout states, "8" Diameter Perforated Collector Pipe. See Note 7". Please Clarify as there is no Note 7 on this sheet.

A11 – The plan should state “See Note 6.”. An amendment will be issued.

Q12 – Section 611.03 of the Invitation For Bid document states "Remove the existing water line under the roadway from 1957+00 to 1970+53 and store on APN 210-192-160-000 as directed by the CO". APN 210-192-160-000 is not shown on sheets A6-A7 "Site Map". Please advise.

A12 – The IFB should list the property as APN 210-192-016-000. An amendment will be issued to correct this.

Q13 – Plan sheet T2 Pipe Culvert Headwalls, Endwalls, & Wingwalls for Pipe Dia 60" requires designed dimensions "H" and "L" in order to determine the headwall and wingwall size. Please provide dimensions "H" and "L" for all headwalls for 60" diameter pipe.

A13 – The exact dimensions will depend on the Contractor's approved culvert pipe plots. For bidding purposes, use the dimensions shown in the table below.

Station	Headwall H	Headwall L	Left Wingwall L	Right Wingwall R	Wingwall Skew
2014+36	20 ft	9 ft	15 ft	15 ft	Type A 15 deg
2075+23	15 ft	9 ft	15 ft	15 ft	Type B Straight

Q14 – The project alignment appears to be cleared with only the stumps remaining and a few log decks scattered throughout the alignment. Is the project 100% cleared? If not, how much clearing (tree cutting) should we include in our unit prices?

A14 – The vast majority of the trees were cleared under a separate project. There may be some trees that were not cleared.

Q15 – Who owns the existing cleared trees? Will they become the property of the successful contractor to sell or to chip?

A15 – The cleared trees were done under a previous contract. They are owned by various parties (landowners).

Q16 – At the pre-bid meeting the California Department of Transportation representative said that the Contractor would be responsible for maintaining the roadway during construction. Due to the failing condition of the road what is the extent of maintenance required by the contract (e.g., patching potholes, installing culverts, paving back sections, repairing soft spots, embankments construction on failed sections, etc....). How will this ongoing maintenance of the failing road be paid for under the contract? Who will handle maintenance during periods of non-work (i.e., during winter when there is on work being done by the contractor)?

A16 – See Sections 156.04 and 156.05

Q17 – Please confirm the Days bid on the A+B represent all calendar days until completion (i.e., there will be no winter shutdown where days will be suspended).

A17 – The calendar days bid are all the days to complete all contract work from the Notice to Proceed until the day of final construction completion, both dates included. There will be no suspension of calendar days during winter shutdown.

Q18 – Federal standard specifications Section 625. Turf establishment 625.05 watering. Moisten seeding areas before seeding and maintain moisture until turf is established or until final acceptance. Please clarify if this will be required for this project. If so is there any parameters of time line regarding maintenance watering, i.e. How many gallons per acre, how many times per month or weekly?

A18 – Pay Item 62510-2000 SEEDING, HYDRAULIC METHOD requires watering. Section 625.05 is required. There are many variables involved in determining the volume and frequency required. These variables rely heavily on when seeding occurs, which is determined by the Contractor's operations and schedule. Therefore, the Contractor would need to determine the volume and frequency necessary to comply with the specification.

Q19 – Fertilizer Section 625.06 SCR's states, add the following for option "Y" hydraulic/Biotic soil amendment (HBSA). Does this apply to only option "Y"? If so, what fertilizer is to be used if any for all other erosion control applications? Also, need application rates of pounds per acre for (HBSA) and or fertilizer.

A19 – The SCR 625.06 states "For Option Y". As stated, this only applies to Option Y. The SCR states "Add the following". This means that the language in FP-03 Section 625.06 remains in the contract. Section 625 references Section 713.03 Fertilizer which contains the fertilizer contract requirements.

Q20 – Item # 62540-1000/Line Y0020, seeding supplements, seed. Does this fall under section 625. Turf establishment hydraulic methods? Also HBSA application rates, is this HBSA with hydraulic mulch applied over it separately? Temporary or permanent seeding?

A20 – Option Y, Pay Item 62540-1000 SEEDING SUPPLEMENTS, SEED is for the Hydraulic/Biotic Soil Amendment (HBSA) which is described in SCR 625.06. Under Schedule A and Option X, Pay Items 62510-2000 SEEDING, HYDRAULIC METHOD and 62515-3000 MULCHING, HYDRAULIC METHOD, BONDED FIBER MATRIX still apply.

Q21 – Special provision 107.02 identifies the status of the Telephone, Electronic Distribution and Electrical Transmission lines along the project corridor. It states the following: "Utilities are in conflict with project and require relocation by OTHERS DURING Construction. The Existing Utilities will be relocated during construction and

both buried and overhead utilities will be in conflict with the project during construction. Coordinate construction activities with utilities companies.”

We have contacted the Electrical Distribution contact David Phillips from PG&E to coordinate schedule. David indicated that he would rather share schedule information with FHWA and that they would distribute the information to the bidders.

Please provide schedule information for the relocation of the overhead and underground utilities that will be in conflict with the project during construction.

[A21 – See the Pre-bid Meeting Notes](#)

Q22 – We are requesting a two week bid extension to May 9th, 2017.

Extending the bid period to this date will allow adequate time for our subs and suppliers to competitively price the work. It will also allow us time to engage in outreach with the small business community to meet the subcontracting goals.

[A22 – There will be no extension to the bid due date.](#)

Q23 – Will flaggers and a full time pilot car be required and paid for during full closures? Per SCR Sec 156 we are allowed to have full road closures at certain times during the week. But during these times we are required to let the school bus pass twice a day, the USPS pass twice a day, bicyclists pass at all times (ferried through if asked), and local traffic has to be allowed to access their driveways.

[A23 – The Contract does not require allowing bicyclists during full closures, only when public traffic is allowed. Per SCR 156.03, the Contractor is to submit a Construction Management Plan for CO approval. The FP and SCR Section 635.26 discuss measurement of flaggers and pilot cars.](#)

Q24 – Will Extra Contract days be allowed since these aren’t full closures?

[A24 – No](#)

Q25 – If option X is awarded to the contract, will the option X work days run concurrent with, or added to Schedule A work days, if the work is performed concurrently?

[A25 – If Option X is awarded, Option X calendar days will be added to Schedule A calendar days.](#)

Q26 – There is a large quantity of Geocomposite Sheet drains that are required for the embankment work. Will or should there be a bid item for this work? Does CFL have a quantity summary for this work?

[A26 – As sheet F1, Note 6 states, “Embankment benching and drain system will not be measured for payment”.](#)

Q27 – Can controlling items of work be performed during the off hours (Friday 3pm to Monday 8am) if you're not impeding traffic and no traffic control is set up?

A27 – SCR 108.01 is clear as to what types of work can be done Friday 3 pm to Monday 8 am. A value engineering proposal would be considered.

Q28 – What is to be included in item 62303-1000 - Special Labor, Hired Technical Services (Environmental Surveys) - in schedule A and X? It appears to be special Labor by the hour but QTY is Lump Sum? Environmental surveys is not addressed in spec section 623.

A28 – You will notice that biologist(s) are required for the project. This Pay Item is payment for that work. The qualification requirements and duties required are contained in SCR 108 and elsewhere in the contract.